

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021447**Date Inspected:** 05-Mar-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld is identified as 2F-082 of SA6029 for Cable bracket SA6029. The welder is identified as 062808. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

FCAW welding of weld is identified as 2F-087 of SA6029 for Cable bracket SA6029. The welder is identified as 062808. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-ESAB.

SMAW welding of VT repair welding is in progress of Suspender bracket drain plate is identified as SBDP-P1-033,039. The welder is identified as 0259566. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2112.

SMAW welding of Base metal repair locations of bike path bottom cover plate is in progress. The welder is identified as 259906. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2111.

ZPMC personnel performing grinding of Cable bracket fillet welds which is connecting centre plate to stiffener

# WELDING INSPECTION REPORT

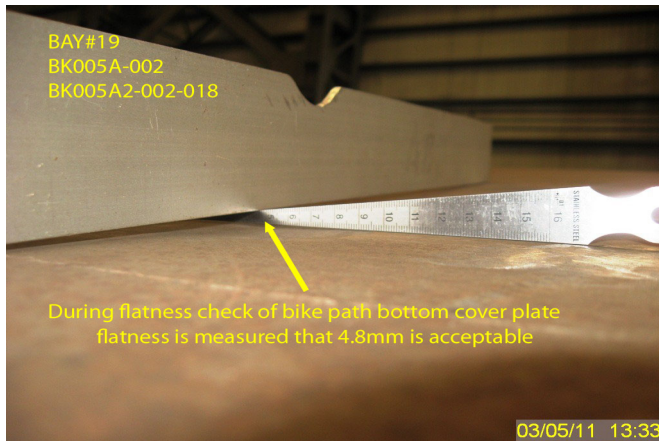
( Continued Page 2 of 3 )

plate is identified as SA6029, SA 6030.

ZPMC personnel received Approved Bike path of drawing for BK23, BK24 and BK25 dated as on 01-14-2011. The approved drawing is identified as Bike path panel assembly hinge KE. Fabrication material is not yet arrived in site.

This QA inspector performed dimensional check along with CT inspector and ZPMC QC of bike path bottom cover plate skin plate flatness across splice weld on below bike path readings found to be in general compliance. BK005A-002.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



## Summary of Conversations:

No relevant Conversation.

## Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

---

## WELDING INSPECTION REPORT

( Continued Page 3 of 3 )

---

---

**Inspected By:** Kumar,Chadra

Quality Assurance Inspector

---

**Reviewed By:** Patel,Hiranch

QA Reviewer